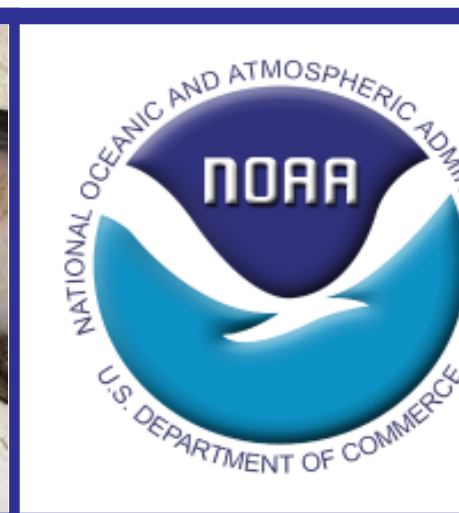


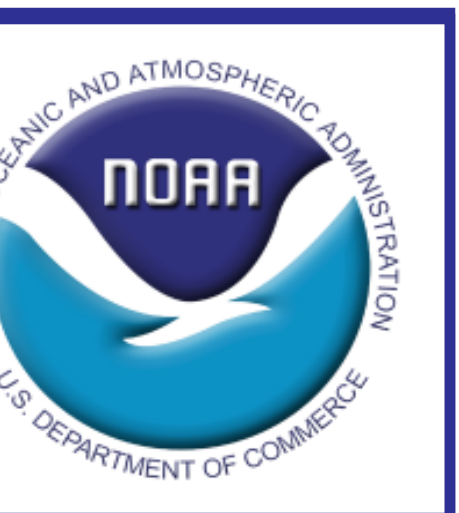


Benthic Forage Species of Southeast Alaska

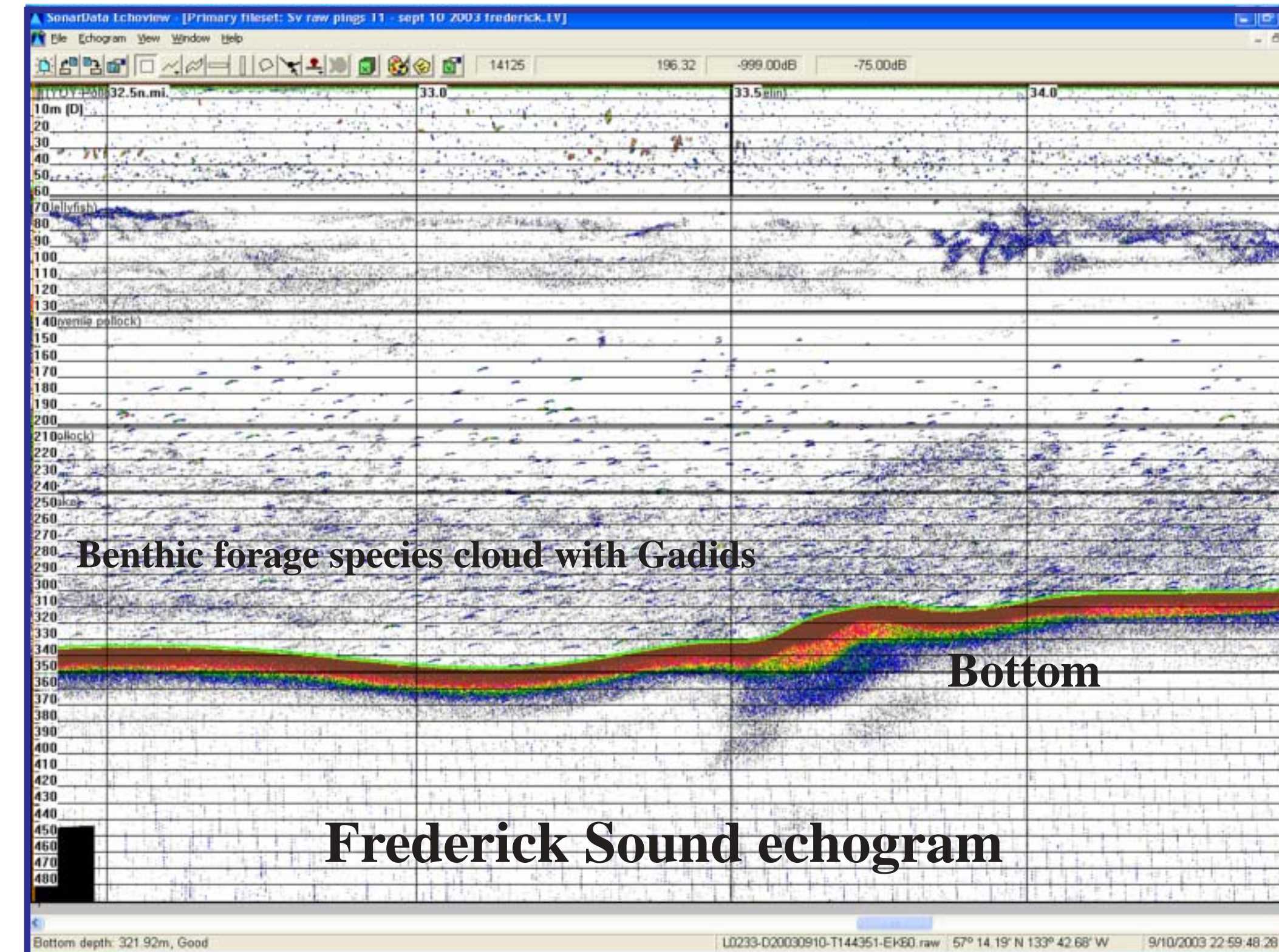
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Steller Sea Lion prey studies have been conducted since May 2001 in southeast Alaska. Acoustic surveys are conducted monthly in Lynn Canal and quarterly in Frederick Sound using a 38 kHz split-beam system. Midwater trawl surveys are conducted quarterly using a 150 ft. head rope and small-mesh codend liner. Our surveys found a group of poorly studied yet abundant forage species associated with the bottom at depths greater than 100 meters. These species acoustically appear as a cloudy layer. Myctophids are the dominant species with many other common and rare species.



Benthic Forage Fish List:

northern lampfish = *Stenobrachius leucopsarus*
California headlightfish = *Diaphus theta*
pinpoint lampfish = *Nannobrachium regale*
bigeye lanternfish = *Protomyctophum thompsoni*
northern pearleye = *Benthalbella dentata*
longfin dragonfish = *Tactostoma macropus*
Pacific viperfish = *Chauliodus macouni*
capelin larvae = *Mallotus villosus*
eulachon = *Thaleichthys pacificus*
stout blacksmelt = *Pseudobathylagus milleri*
tadpole sculpin = *Psychrolutes paradoxus*
smooth lumpsucker = *Aptocyclus ventricosus*
pallid eelpout = *Lycodapus mandibularis*
Pacific sandfish = *Trichodon trichodon*
bigmouth manefish = *Caristus macropus*
northern smoothtongue = *Leuroglossus schmidtii*
blacktail snailfish = *Careproctus melanurus*
smalldisk snailfish = *Careproctus gilberti*
tadpole snailfish = *Nectoliparis pelagicus*
pygmy snailfish = *Lipariscus nanus*
marbled snailfish = *Liparis dennyi*

Cephalopod and Shrimp List:

Berryteuthis magister
Gonatopsis borealis
Galiteuthis armatus
Octopus spp.
Cephalopoda spp.
Pacific glass shrimp = *Pasiphea pacifica*
Alaskan pink shrimp = *Pandalus eous*

